

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/US2004/037245

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC 7 A61K39/395 A61P25/00

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, EMBASE, PAJ, WPI Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 251 395 B1 (GALLATIN W. MICHAEL ET AL) 26 June 2001 (2001-06-26) column 11, line 38 - column 12, line 28 example 38 claims 16,9,10 ----- WO 02/30980 A (ICOS CORPORATION) 18 April 2002 (2002-04-18) example 38 claims 1,9,12 ----- -/-	1-20
X		1-20

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

## ° Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the International filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the International filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*&\* document member of the same patent family

Date of the actual completion of the international search

Date of mailing of the international search report

11 April 2005

27/04/2005

Name and mailing address of the ISA

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>MABON P JOY ET AL: "Inhibition of monocyte/macrophage migration to a spinal cord injury site by an antibody to the integrin alphaD: A potential new anti-inflammatory treatment"          EXPERIMENTAL NEUROLOGY, ACADEMIC PRESS, NEW YORK, NY, US, vol. 166, no. 1, November 2000 (2000-11), pages 52-64, XP002210543          ISSN: 0014-4886          the whole document</p> <p>-----</p>	1-20
X	<p>BAO F ET AL: "Early anti - inflammatory treatment reduces inducible nitric oxide synthase and cyclooxygenase - 2 after spinal cord injury in rats."          SOCIETY FOR NEUROSCIENCE ABSTRACT VIEWER AND ITINERARY PLANNER, 'Online!          vol. 2003, 1 October 2003 (2003-10-01), page Abstract No. 953.5 URL, XP001206060 &amp; 33RD ANNUAL MEETING OF THE SOCIETY OF NEUROSCIENCE; NEW ORLEANS, LA, USA; NOVEMBER 08-12, 2003          Retrieved from the Internet:          URL:HTTP://sfn.scholarone.com&gt;          abstract</p> <p>-----</p>	1-20
T	<p>GRIS DENIS ET AL: "Transient blockade of the CD11d/CD18 integrin reduces secondary damage after spinal cord injury, improving sensory, autonomic, and motor function"          JOURNAL OF NEUROSCIENCE, vol. 24, no. 16, 21 April 2004 (2004-04-21), pages 4043-4051, XP009046075          ISSN: 0270-6474          the whole document</p> <p>-----</p>	1-20

**INTERNATIONAL SEARCH REPORT**International application No.  
PCT/US2004/037245**Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)**

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1.  Claims Nos.: 1-20 because they relate to subject matter not required to be searched by this Authority, namely:  

Although claims 1-20 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2.  Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3.  Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

**Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)**

This International Searching Authority found multiple Inventions in this International application, as follows:

1.  As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2.  As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3.  As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4.  No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

**Remark on Protest**

The additional search fees were accompanied by the applicant's protest.

No protest accompanied the payment of additional search fees.

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US2004/037245

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 6251395	B1	26-06-2001	US	5837478 A		17-11-1998
			US	5817515 A		06-10-1998
			US	5766850 A		16-06-1998
			US	5470953 A		28-11-1995
			US	5437958 A		01-08-1995
			AU	775300 B2		29-07-2004
			AU	1727900 A		05-06-2000
			CA	2350391 A1		25-05-2000
			CN	1352651 A		05-06-2002
			EP	1131356 A1		12-09-2001
			JP	2003534766 T		25-11-2003
			WO	0029446 A1		25-05-2000
			US	2002062008 A1		23-05-2002
			US	6432404 B1		13-08-2002
			US	2003077278 A1		24-04-2003
			AU	740106 B2		01-11-2001
			AU	9785798 A		10-05-1999
			BR	9806323 A		24-10-2000
			CA	2273193 A1		29-04-1999
			CN	1246869 A ,C		08-03-2000
			EP	0970124 A2		12-01-2000
			JP	2001512989 T		28-08-2001
			NO	992667 A		02-08-1999
			RU	2215006 C2		27-10-2003
			WO	9920654 A2		29-04-1999
			AU	723110 B2		17-08-2000
			AU	2133397 A		10-09-1997
			BR	9702101 A		20-07-1999
			CA	2218755 A1		28-08-1997
			CN	1189851 A ,C		05-08-1998
			CZ	9703286 A3		15-07-1998
			EP	0835301 A1		15-04-1998
			FI	974018 A		03-12-1997
			HU	9901579 A2		30-08-1999
			IL	122011 A		20-05-2001
			JP	2001526524 T		18-12-2001
			NO	974852 A		19-12-1997
			PL	323195 A1		16-03-1998
			RU	2183671 C2		20-06-2002
			SK	140997 A3		09-09-1998
			WO	9731099 A1		28-08-1997
			US	5831029 A		03-11-1998
			US	5728533 A		17-03-1998
			AT	270330 T		15-07-2004
			AU	1860395 A		10-07-1995
			CA	2156622 A1		29-06-1995
			DE	69433869 D1		05-08-2004
			EP	0686161 A1		13-12-1995
			JP	8507933 T		27-08-1996
			JP	3261383 B2		25-02-2002
WO 0230980	A	18-04-2002	US	6432404 B1		13-08-2002
			AU	9683901 A		22-04-2002
			CA	2425818 A1		18-04-2002
			EP	1325031 A2		09-07-2003
			JP	2004532800 T		28-10-2004
			WO	0230980 A2		18-04-2002